

19990601.qrp v01_n475.qrl.990601

Date: Tue, 1 Jun 1999 19:03:16 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1475

QRP-L Digest 1475

Topics covered in this issue include:

- 1) [41729] Re: MI QRPCW Sprint AL7FS
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
- 2) [41730] SWL Logging Program
by "Paul Norman Craig, Jr." <n3ysi@easy-pages.com>
- 3) [41731] Re: SWL Logging Program
by "Vincent Ferme" <vferme@sprint.ca>
- 4) [41732] Quebec SB log
by Jim Lyons <lyons@canada.com>
- 5) [41733] SK Frank Gunther, W2ALS
by George F Franklin <w0av@juno.com>
- 6) [41734] Re: Hootowl Sprint: N2CQ
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 7) [41735] Watt Meter.
by Richard R Riordan <mrzip@sssnet.com>
- 8) [41736] Re: MI QRPCW Sprint AL7FS
by "John J. McDonough" <jjmcd@tm.net>
- 9) [41737] AR Club contest/award status
by Larry Cahoon <wd3p@juno.com>
- 10) [41738] Re: [Q] description of circuit for NORCAL 20?
by "Dave Fifield" <fifield@pacbell.net>
- 11) [41739] Re: Watt Meter.
by Ray Colbert <af852@rgfn.epcc.edu>
- 12) [41740] [A] Norcal 20 description on webpage
by Ken Hopper <n9vv@hamsnet.net>
- 13) [41741] DX contest with milliwatt QRP
by Jim Hale <kj5tf@yahoo.com>
- 14) [41742] Re: ARRL Wire Classics
by k5zty@juno.com
- 15) [41743] Re: Counting Capacitors and regen receivers
by Bill & Merleigh Jones <kd7s@psnw.com>
- 16) [41744] Re: SK Frank Gunther, W2ALS
by frank lauri <qrpp@yahoo.com>
- 17) [41745] MI 'TEST/ANT. TEST: Double Magnetic Slot
by S LYON <sslyon@worldnet.att.net>
- 18) [41746] 2N22/40 Status
by mjfitz@uswest.net
- 19) [41747] Re: WPX Condx

- by "Charles W. Sanders" <no5w@flex.net>
- 20) [41748] Re: Lack of sensitivity of old receiver
by Hal Maney <hmaney@earthlink.net>
- 21) [41749] Simple Question
by "Al Gritzmacher" <ae2t@bigfoot.com>
- 22) [41750] 15 meter
by "Charles Hamel" <cdhamel@pdq.net>
- 23) [41751] Re: ANTENNA TEST TODAY: Double Magnetic Slot
by Bill B Lazure <n2tpa@juno.com>
- 24) [41752] Re: ANTENNA TEST TODAY: Double Magnetic Slot
by Wayne Alexander <walexan@ipa.net>
- 25) [41753] 15 meters
by malman@world.std.com (Joel Malman)
- 26) [41754] solar storms to increase?
by Scott Howell <showell@hq.nasa.gov>
- 27) [41755] Re: PC to PC cable
by hw.merz@t-online.de (Hanns W. Merz)
- 28) [41756] Headset/boom mike for K2?
by The Boices <boice@bigfoot.com>
- 29) [41757] Trip-Lite PR30 help
by Bob Kellogg <ae4ic@nr.infi.net>
- 30) [41758] Re: Headset/boom mike for K2?
by Scott Howell <showell@hq.nasa.gov>
- 31) [41759] 2x qrp amsterdam/dallas
by "W5TB - 'Doc' Drake" <w5tb@SoftHome.net>
- 32) [41760] Re: Counting Capacitors and regen receivers
by Karl.Kanalz@optelinc.com
- 33) [41761] Re: Headset/boom mike for K2?
by Dave Sjolín <sjolin@swbell.net>
- 34) [41762] Re: Headset/boom mike for K2?
by "Don Chisholm WX3M" <dchishol@oakland.edu>
- 35) [41763] Ham Radio Band Plan Chart
by Theodore Wong <wong_th@eng.printronic.com>
- 36) [41764] Re: Headset/boom mike for K2?
by Jim Boyle K6JMB <jmb@cruzio.com>
- 37) [41765] NQ9RP has big opening weekend.
by Bcieslak@ra.rockwell.com
- 38) [41766] RE: Ham Radio Band Plan Chart
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
- 39) [41767] Enlarging holes in PC board
by "Conant, Paul" <paul.conant@lmco.com>
- 40) [41768] circuit simulation software?
by wd8civ@att.net
- 41) [41769] NC-20....TOUGH RIG!
by tom whalen <wb5qyt@eFortress.com>
- 42) [41770] June Austin QRP Club meeting
by Glen Reid <k5fx@flash.net>
- 43) [41771] NC-20 and Alpha!

- by tom whalen <wb5qyt@eFortress.com>
- 44) [41772] Re Six Meter Beacons
by Joseph Mikuckis <k3chp@erols.com>
- 45) [41773] Re: QRP ARCI Awards
by "Ed Hare, W1RFI" <w1rfi@arrl.net>
- 46) [41774] An apology
by "David Maliniak" <dmaliniak@penton.com>
- 47) [41775] Challenger Ant. and Gap products
by "rohre" <rohre@arlut.utexas.edu>
- 48) [41776] Re: Challenger Ant. and Gap products
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 49) [41777] Desert Ratt running
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 50) [41778] Re: Challenger Ant. and Gap products
by david fouchey <dafouchey@home.com>
- 51) [41779] Re: Challenger Ant. and Gap products
by david fouchey <dafouchey@home.com>
- 52) [41780] battery monitor-cases
by Tom Popovic <ki3r@yahoo.com>
- 53) [41781] Television Channels (not QRP)
by "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
- 54) [41782] K2 Phase Noise Plot
by "Eric Swartz - Elecraft, WA6HHQ" <erics@elecraft.com>
- 55) [41783] RE: battery monitor-cases
by "Ed Tanton" <n4xy@att.net>

Date: Mon, 31 May 1999 15:27:18 -0800
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [41729] Re: MI QRPCW Sprint AL7FS
Message-ID: <37531AD6.5C943C04@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Only heard K1QM and K8CV but no luck on working them. That is all. No other signals. 25 minutes into the contest and I suspect it can only get worse. Do we get certificates for highest score SWL for the state?

This seems so familiar. :-)

73, Jim, AL7FS
<http://www.qsl.net/al7fs/>
<mailto:al7fs@qsl.net>
Anchorage, Alaska

Date: Mon, 31 May 1999 19:36:36 -0400
From: "Paul Norman Craig, Jr." <n3ysi@easy-pages.com>
To: "'qrp-l'" <qrp-l@lehigh.EDU>
Subject: [41730] SWL Logging Program
Message-ID: <01BEAB9D.3CA7D600@s>

Folks,

A friend of mine is an avid SWL and has inquired about SWL logging programs. Does anyone know of any available at low or no cost. He is a senior citizen and can't really afford to pay for anything. Please answer direct. Thanks.

72 de n3ysi
Paul in Quakertown, Pa

Date: Mon, 31 May 1999 19:47:07 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [41731] Re: SWL Logging Program
Message-ID: <001401beabbf\$e585b180\$b33267d1@vince>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Paul,

You can't beat this one on price....it's free and available for Win 95 and 3.1. The URL is:

<http://www.xmllog.com/>

73 de Vince, VE3VFN.

----- Original Message -----

From: Paul Norman Craig, Jr. <n3ysi@easy-pages.com>

> A friend of mine is an avid SWL and has inquired about SWL logging
> programs. Does anyone know of any available at low or no cost. He is a
> senior citizen and can't really afford to pay for anything. Please answer
> direct. Thanks.

Date: Mon, 31 May 1999 19:44:51 -0400
From: Jim Lyons <lyons@canada.com>
To: qrp-canada@lists.gpfn.sk.c
Cc: qrp-1@lehigh.edu
Subject: [41732] Quebec SB log
Message-ID: <3.0.5.32.19990531194451.007df540@pop.hip.cam.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The following is the Canadain SB log for VE2KN, QUE for the US Memorial Day weekend. Many of the stations worked were in the WPX contest and were not looking for flowers!

Some excellent rag-chew QSO's were enjoyed.

Jim Lyons, VE2KN
Montreal

Exchanges

Date/Time (Z)	Station	Sent	Received
28/05/99			
23:12	WN6HYX	599 Que 25	599 CA 51 Mary
23:15	AB8DF	599	589 MI 5W Ed
23:35	N7DW	339	449 CA Russ
23:51	W2NGU	589	579 NYC Leon
29/05/99			
00:06	N5URL	559	579 OK Bob
00:10	W5BLR	559	559 TX Arthur
00:16	K8CV	599	599
00:18	AA5TB	599	599 Steve
00:28	NV4V	589	589 KY 45 Pete
00:40	VE6EWM	579	589 AB 6 Earl
00:55	W6PW	579	599
29/05/99			
12:16	N0GI	569	569 MN Jack
12:47	N0TU	559	569 CO 1W Steve
12:57	AF4LQ	559	559 KY 43 Mike
13:22	AB5XQ	579	549 ARK Bill

13:39 K0EVZ/P 579 579 TN Doc

30/05/99

12:00 - 13:00 No QSO's

30/05/99

23:15	W8QZA/6	579	569	Bill
23:26	W8UMR	589	599	WVA John
23:41	KB0PCI	559	549	MN 4W Wayne
23:46	KG4ADU	559	449	GA 4W Chuck

31/05/99

00:05	KB3WK	579	449	MD 1W
00:16	VE6EWM	589	599	AB 6 Earl
00:26	VE5QRP	599	559	SK 1 Bruce
00:30	KB0EVM	579	559	FL 79
00:35	VE3FAL	559	539	ON 11 Fred
00:38	K04WX	579	579	GA
00:46	KK8M	579	559	Joe
00:49	K2JHZ	579	569	FL Ken 00:56
	W4Q0	559	579	GA Jim
00:00	W4VSE	569	579	KY Joe

CL

Date: Mon, 31 May 1999 18:56:40 -0500
From: George F Franklin <w0av@juno.com>
To: qrp-l@lehigh.edu
Subject: [41733] SK Frank Gunther, W2ALS
Message-ID: <19990531.185643.-122535.0.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

A real pioneer in ham and commercial radio passed away this weekend at the age of 91.

He was Frank Gunther, W2ALS, a name and call well know to geezers like the undersigned.

He is perhaps best known for his work in establishing the first police radio system back in the late twenties or very early thirties.

Another good ham has gone to his reward.

72 de George/W0AV

Date: Mon, 31 May 1999 20:04:44 -0400
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: njqrp@njqrp.org
Cc: epaqrp-1@Lehigh.EDU, QRP-L@Lehigh.EDU
Subject: [41734] Re: Hootowl Sprint: N2CQ
Message-ID: <3753239C.70491164@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Same here. I heard you Ken, Joe N2CX, and the other Joe K2JT. NJQRP was well represented. I only played on 40 but there were plenty of signals there.

Ken Newman wrote:

>
> Hi All,
> Glad to be able to enjoy the sprint with many of the fine QRP Contesters!
> DX Surprise: Two Euro stations calling on my CQ on the back of the tribander.
> HOOT!
>

> ~~~~~

> QRP ARCI HOOTOWL CONTEST

> Call used: N2CQ Location: NJ

> Category: Single Op All Band Mode: CW Power: 5W

> Callsign of Operator: N2CQ

> Exchanged Information: N2CQ RST NJ 7975

> Hours of Operation: 03:19

> band QSOs points mults
> -----
> 160 0 0 0
> 80 4 119 3

```

>      40      28      812      13
>      20      23      707      18
>      15       0       0       0
>      10       0       0       0
>      -----
>      TOTAL      55      1638      34      SCORE: 55,692
>
>      Equipment: Kenwood TS-850sat (5 Watts), Doublet, Tribander.
>
>      -----
>      72/73 de
>      Ken Newman - N2CQ
>      Woodbury, NJ
>
>      N2CQ@ARRL.NET
>
>      ~~~NJ QRP Club Home Page ~~~
>      http://www.NJQRP.org
>
>      ~~~Club Callsign~~~
>      WQ2RP
>
>      ===== NJ QRP Club Mailing List =====
>      To unsubscribe from this list, send email to listserver@vramp.net
>      and put the text "unsubscribe njqrp" in the message. To post a
>      message to the list, send email to njqrp@njqrp.org.

```

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website http://members.home.net/tjarey

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

```

Date: Mon, 31 May 1999 20:05:21 -0400
From: Richard R Riordan <mrzip@sssnet.com>
To: qrp-l@Lehigh.EDU
Subject: [41735] Watt Meter.
Message-ID: <375323C1.6114@sssnet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

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Content-Transfer-Encoding: 7bit

Hi Gang!

Just had a Heathkit Wattmeter given to me, but no literature at all with it. It is Model Hm-102. Does anyone have a copy of the manual? Will pay reasonable charges. I have looked at most of the web sites, that I could think of. None. Thanks for any help.

Dick W8RAD

Date: Mon, 31 May 1999 20:20:50 -0400
From: "John J. McDonough" <jjmcd@tm.net>
To: <al7fs@pobox.alaska.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [41736] Re: MI QRPCW Sprint AL7FS
Message-ID: <003c01beabc4\$9ce75aa0\$010044c0@mdp23b>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

We're busy having tornadoes here in Michigan, so I suspect a lot of MI QRPers are on 2 meters rather than 20.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr/>
didileydadidah QRP-L #1446 Code Warriors #35

-----Original Message-----

From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Monday, May 31, 1999 7:31 PM
Subject: Re: MI QRPCW Sprint AL7FS

>Only heard K1QM and K8CV but no luck on working them. That is all. No
>other signals. 25 minutes into the contest and I suspect it can only get
>worse. Do we get certificates for highest score SWL for the state?

>

>This seems so familiar. :-)

>

>73, Jim, AL7FS
><http://www.qsl.net/al7fs/>
><mailto:al7fs@qsl.net>
>Anchorage, Alaska

Date: Tue, 1 Jun 1999 00:27:45 +0100
From: Larry Cahoon <wd3p@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [41737] AR Club contest/award status
Message-ID: <19990601.002829.4222.0.wd3p@juno.com>

Hi all,

It's the end of the month again thus it must be time for another update.

With 5 month down only 736 QSO - I think I'm just a bit behind the pace for the 2000 QSO - Should have worked the WPX but didn't get to it.

For WAS QRPP the status is 46 states down with 7.504 Watts. Still need WA, WY, MT and ND. I've got WY twice in the last two months QRP, and MT twice this month QRP. Cutting the power down to 500 mWatts just would not do it. Well there is still eight months to go.

73/72 de Larry.....WD3P in MD

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or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 31 May 1999 17:46:27 -0700
From: "Dave Fifield" <fifield@pacbell.net>
To: <n9vv@hamsnet.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [41738] Re: [Q] description of circuit for NORCAL 20?
Message-ID: <000901beabc8\$2ee326c0\$0db865d8@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ken et al, the schematic and description are now up on the Red Hot Radio website. Enjoy.

72, Dave Fifield, AD6A
<http://www.redhotradio.com>

From: Ken Hopper

> Is there a description of what is in a NORCAL 20? Neither NORCAL, K5F0,
> nor RedHotRadio have any text describing the circuit. Any manual on the
> web? or articles to read?

>

> TNX,

> Ken - N9VV

Date: Mon, 31 May 1999 19:06:23 -0600

From: Ray Colbert <af852@rgfn.epcc.edu>

To: qrp-l@lehigh.edu, mrzip@sssnet.com

Subject: [41739] Re: Watt Meter.

Message-ID: <3753320F.CFC15C43@rgfn.epcc.edu>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

try this ftp site for the manual - lots in the index and I
don't recall if the HM102 is there or not but worth a try:
<ftp://bama.sbc.edu/boatanchor/downloads/>

and this one: <http://members.accessus.net/~dwentz/kb9jja/heathkit/>

Good Luck

Ray

--

"Politicians are like nappies. Both should be
changed regularly -- and for the same reason"

"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NCT2

(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

Date: Mon, 31 May 1999 20:09:07 -0500

From: Ken Hopper <n9vv@hamsnet.net>

To: QRP-L@lehigh.edu

Subject: [41740] [A] Norcal 20 description on webpage

Message-ID: <375332B3.209E6211@hamsnet.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

My apologies to Dave Fifield, his excellent webpages now have a complete circuit description and an excellent article from a presentation he gave. Check out the NorCal 20 at <http://www.redhotradio.com>

dit dit
de N9VV QRP-L #1915

Date: Mon, 31 May 1999 18:17:25 -0700 (PDT)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [41741] DX contest with milliwatt QRP
Message-ID: <19990601011725.23652.rocketmail@web706.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

This last weekend I was quite busy with the family and home activites. But managed to have afew trys with the ok condx on 15M band.

Friday evening (01:22z saturday) I picked up DL5AXX, and at 01:49 DK3GI. Then F5RZJ, OK2SBL, and S54W 02:07z before bedtime. All these contacts were on 15M with 65mW measured with my WM-2 QRP Wattmeter.

Saturday morning 10M was open to HC8N at 14:00z pwr 50mW, but little else going. Went down to 15M and again with 65mW got OE4A, and SP7GIQ before going QRT at 14:23z for yard work detail. :)

Back at 22:13z saturday for 9A3GW, and went QRT.

Sunday morning got going earlier and bagged LY2VAD at 12:35 and LY2PX at 12:35 ! Both on 15M at 65mW.

I didnt make many contacts with so many family duties yard jobs etc but it was fun. Condx for DX on the high bands have been spotty at best. I didnt expect anything going for this contest but I'm glad I checked.

Hope some of you got to play in this contest.

72/3'z de Jim, KJ5TF . near Red Star, Arkansas

Do You Yahoo!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Sun, 30 May 1999 20:14:58 -0500
From: k5zty@juno.com
To: w1rfi@arrl.net
Cc: qrp-l@Lehigh.EDU
Subject: [41742] Re: ARRL Wire Classics
Message-ID: <19990531.202707.10198.1.k5zty@juno.com>

Hey Ed,

Reflections was a classic. When is ARRL going to publish the second edition.???

They could extract some money from me for that one.

Bill, K5ZTY
Houston, TX
k5zty@juno.com

>The "Classic" approach is a lot more than trying to "extract money"
>from hams.

>73,

>Ed Hare, W1RFI

>ARRL Lab

>

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or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 31 May 1999 18:40:34 -0700
From: Bill & Merleigh Jones <kd7s@psnw.com>
To: qrp-l@lehigh.edu
Subject: [41743] Re: Counting Capacitors and regen receivers

Message-ID: <3.0.6.32.19990531184034.007af810@mail.psnw.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

As Doug Hendricks pointed out in an ealier post, Paul Maciel, Doug and I counted and bagged capacitors for the NorCal Capacitor Kits on Saturday. If you read Doug's post carefully you will note that the three of us did 16,000 caps on Saturday and Doug has done another 18,000 by himself since. What does that tell you?

Before we began counting parts, however, Doug showed me his scratch-built regen receiver. This is a Manhattan style replica of the MFJ regen receiver and the construction is absolutely first class. When you're at HamCom be sure to check out Doug's creation. If what you see doesn't make you want to run up to your room and heat up the soldering iron, nothing will.

=====
Bill Jones - KD7S - <><
Sanger, California
<http://www.psnw.com/~kd7s>
=====

Date: Mon, 31 May 1999 20:14:50 -0700 (PDT)
From: frank lauri <qrp@juno.com>
To: w0av@juno.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [41744] Re: SK Frank Gunther, W2ALS
Message-ID: <19990601031450.27086.rocketmail@web117.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

There was a nice write-up on him a few days ago in the New York Times....kinda guessed he was a ham.

Frank N2IX

--- George F Franklin <w0av@juno.com> wrote:
> A real pioneer in ham and commercial radio passed
> away this weekend at
> the age of 91.
>
> He was Frank Gunther, W2ALS, a name and call well
> know to geezers like
> the undersigned.
>
> He is perhaps best known for his work in

> establishing the first police
> radio system back in the late twenties or very early
> thirties.
>
> Another good ham has gone to his reward.
>
> 72 de George/W0AV
>

Do You Yahoo!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Mon, 31 May 1999 23:15:29 -0400
From: S LYON <sslyon@worldnet.att.net>
To: qrp chat <qrp-l@Lehigh.EDU>
Subject: [41745] MI 'TEST/ANT. TEST: Double Magnetic Slot
Message-ID: <37535051.97FE074B@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

IT WORKS!

L.B. said it would and this puppy sings. Used the Single Wire DMS
version found in Ant Compendium #4. Had a LOT of trouble getting it
suspended due to poison ivy, bull-briars and 92 deg.heat... not to
mention the 45' trees which are Honey Locust which are covered with
terrible barbs -some 3" long!!

Anyway I got it up about 7:30pm Right Coast Time and ran smack into the
MI 'test. Worked K8CV, W1LEH, KA3YXE, K8NWD, K1QM and had to call it
quits... 20 min. operating for 4.5hrs work... not good yield. Will
definitely be hanging this antler for field day. It's quiet, easy to
load with a tuner and got GREAT reports running 2W on the 40+. More
later.

72

-s-

--

'Seab' Lyon - AA1MY
Beacon NY USA FN-31
QRP-L 574 ARCI 9253

Date: Mon, 31 May 1999 22:21:16 -0500
From: mjfitz@uswest.net
To: qrp-l posts <qrp-l@Lehigh.EDU>
Subject: [41746] 2N22/40 Status
Message-ID: <375351AC.5A89EB4D@pop.omah.uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

YO!

Just waiting for the mailman to deliver xtals so I can match them up and solder them in...Got the board in the box and all the controls and connectors installed. Added a HB TICK keyer board. PA is on seperate board on back panel. All corrections accounted for and as soon as the mailman hits--I hit the big switch and stand back from the sparks. Put hot-carrier diodes in it, but otherwise is stock.

Will bring the rig to the Sioux City hamfest this weekend if the xtals come thru in time, even if I have to stay up late and loose some of my needed beautysleep...

Will it work on power up? If it does, as I was telling another ham a few days ago, it is almost a disapointment...at that point the fun is over and it's on to the next project...always kinda hope there's some puzzle to it, something to overcome, to search out, to remedy...

Thanks Jim, Preston, Paul, Doug, for the FB job!

Now, it's up to me. Will the challenge be met?

Mike KI0AF Mo. Valley IA

Date: Mon, 31 May 1999 23:09:50 -0500
From: "Charles W. Sanders" <no5w@flex.net>
To: qrp-l@Lehigh.EDU
Subject: [41747] Re: WPX Condx
Message-ID: <37535D0D.4B5EA240@flex.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I'll second Keith's comments

>DX conditions were very good over the contest weekend.

I worked in the 4w/3ad class (4 watts (HW9) to 3 attic dipoles) and

managed 112 Qs with some respectable QRP DX including KH6, HC8, V73, ZL6, S57, OL5, JA, UA0, LY, PY, LT, 9A7, RW2, OL3, HG, EU. The 112 Qs were distributed (10m = 7, 15m = 58, 20m = 47). A run of 7 JAs on Sunday morning was the highlight of my 20m action.

The V73 and ZL6 were back to back on 15 at around 11pm local (cdt) time Friday evening! Saturday afternoon, again on 15, I called a couple of loud US stations to give them my "rare" N05 prefix but could get no takers -- a few minutes later I went back to a fluttery UA0 and he came back on first try! Of course on all of these I received (would you believe) 599 :)

All this from deep in the heart of Texas. Just goes to show "Need Only 5 Watts" to have great CW fun. [kudos to all the good ears on the other end]

72/Chuck/N05W

Date: Tue, 01 Jun 1999 00:57:38 -0400
From: Hal Maney <hmaney@earthlink.net>
To: fred.devries@mindspring.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [41748] Re: Lack of sensitivity of old receiver
Message-ID: <37536842.F68E6221@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Fred,

If the receiver was based upon the old "All-American 5" design, there was a basic problem with using it above about 10 Mhz. My old S-38D had this flaw.

The receiver used a tube called a "pentagrid converter" which was both a local oscillator and mixer. I remember that there was a writeup in the ARRL Handbook about this circuit and it mentioned something about the design's frequency limitations due to the physics of that tube.

As a teenager having little dough, I had no choice but to live with it as best I could. I remember that I found room in the receiver to add a power transformer with a full-wave rectifier/filter, a real BFO, and a grounded-grid RF preamp. These improvements were enough to allow me to use

it for AM/CW/SSB contacts up through 10 meters, although stability was still a problem.

My struggles with this receiver makes me appreciate the fine designs out there today which are available at little cost. I don't think I'll ever catch the nostalgia bug badly enough to want to be near an S-38 again. :-) Good luck.

Hal

Fred DeVries wrote:

>
> I've run across an old Hallicrafters general coverage (tube type) receiver.
> Above 7 MHz the sensitivity drops so drastically that it will barely hear
> anything. Can someone suggest a possible fix? I thought of buying it, but
> it seems to be pretty worthless as it stands now. Thanks
>

--

Hal Maney, K1HM
maney@ieee.org

Date: Fri, 28 May 1999 02:37:19 -0400
From: "Al Gritzmacher" <ae2t@bigfoot.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [41749] Simple Question
Message-ID: <000401beabed\$24de4d60\$e6c3fbcf@laptop>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I've seen an antenna mentioned several times on the list - the SLX, usually in the same breath as the St. Louis Vertical.

I've heard of the SLV, in fact I have one, but can someone point me to a description of what a SLX is?

On a similar note, I picked up one of the DK9SQ masts at Dayton and have been thinking of ideas of ways to use it. Supporting 33' of wire for a 40m vertical is a no-brainer, but I'd like to come up with some other interesting ways to use it. The cross-arms and loop arrangement they sell looked neat, but I didn't go for it. Could something similar be done with a delta-shape and eliminate the cross-arm? Most of the articles I see on the delta-shaped SCV are at a much higher above-ground height. Maybe I'll just

stick with an inverted vee.

Any ideas to share?

72,

Al Gritzmacher, AE2T

Date: Mon, 31 May 1999 02:25:45 -0500
From: "Charles Hamel" <cdhamel@pdq.net>
To: "QRP List" <qrp-l@Lehigh.EDU>
Subject: [41750] 15 meter
Message-ID: <001d01beab36\$d27f62e0\$8e1990d1@cdhamel>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Anybody know of a good 15 meter kit??

Reply in private!

Thanks
Charles
KC5DXQ - Norcal Zombie - HQRP- QRP-L #1919
<http://www.angelfire.com/de/kc5dxq/index.html>

Date: Tue, 1 Jun 1999 03:33:47 -0400
From: Bill B Lazure <n2tpa@juno.com>
To: sslyon@worldnet.att.net
Cc: QRP-L@Lehigh.EDU
Subject: [41751] Re: ANTENNA TEST TODAY: Double Magnetic Slot
Message-ID: <19990601.035248.6998.4.N2TPA@juno.com>

Seab,

Guess I missed this thread. Can you describe this antenna further?

Bill
W2EB
Syracuse, NY

S LYON writes:
> will be able
>to hang my single-wire DMS in my clandestine spot along the Hudson
>this
>afternoon/evening.

>'Seab' Lyon - AA1MY
>Beacon NY USA FN-31

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 01 Jun 1999 06:38:03 -0500
From: Wayne Alexander <walexan@ipa.net>
To: qrp-l@Lehigh.EDU
Subject: [41752] Re: ANTENNA TEST TODAY: Double Magnetic Slot
Message-ID: <4.1.19990601063620.00933630@popd.ipa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I would also like to hear about this antenna.

73,
N0EA
Wayne
Willard,MO
FISTS # 4907
QRP-L # 1058
Web Page <http://www.qsl.net/n0ea>

Date: Tue, 1 Jun 1999 08:06:27 -0400 (EDT)
From: malman@world.std.com (Joel Malman)
To: qrp-l@Lehigh.EDU
Cc: k1qm@world.std.com

Subject: [41753] 15 meters
Message-ID: <199906011206.AA04376@world.std.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I was just listening around on 15 meters Sunday afternoon.... Way down on 21.005 was E21EJC calling CQ! No pile up. And a few takers. I popped in my call a few times and got my first E2 ! Guess it sure pays to tune about the band, even if it appears dead.

--

/joel K1QM Concord, MA
QRP-L 337, QRP-ARCI 9305

Date: Tue, 01 Jun 1999 09:00:49 -0400
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-l@lehigh.edu
Subject: [41754] solar storms to increase?
Message-ID: <3.0.5.32.19990601090049.00855370@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

ok, I am listening to this radio show on the internet. I hear this report saying there's to be a major increase in solar storm activity between now and y2K which is to be powerful enough to knock sats out etc. Is there any truth to this? I would think that if so, hf will really be something to attempt working.

73 de Scott/n3byy

Date: Tue, 1 Jun 1999 15:19:42 +0200
From: hw.merz@t-online.de (Hanns W. Merz)
To: qrp-l@lehigh.edu
Subject: [41755] Re: PC to PC cable
Message-ID: <m10ooSE-0003DPC@fwd05.btx.dtag.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8BIT
Content-Transfer-Encoding: 8BIT

Thank you all for the fast help!

Got a lot of good hints. I hope I can sort out the problem now. By the way I did not know that the INTERLNK works also with a parallel cable. I am curious to see how fast it works. In the manual of my notebook I can read that the EPP mode allows a speed up to 2.4 Mbytes per second.

Again many thanks to all who sent me an email. I didn't believe that the help would come that fast!

73,
Hanns DK9NL

Date: Tue, 01 Jun 1999 08:36:01 -0500
From: The Boices <boice@bigfoot.com>
To: qrp-l@Lehigh.EDU
Subject: [41756] Headset/boom mike for K2?
Message-ID: <3.0.6.32.19990601083601.0092bae0@mailbox.arn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Once the K2 and it's SSB module ship later this summer, I'm going to be looking for a lightweight headset/boom mike combo for mobiling. It can only cover 1 ear, and would preferably be lightweight. I'll probably wire the K2 mic jack for a Kenwood-type connection.

Any suggestions? I have a Kenwood TH-G71A also, and I see Kenwood has a headset for that unit. Premier/Pryme also has a lightweight headset combo wired for Kenwood HTs that's only \$28. Never having used a headset on either an HF or VHF/UHF rig, can these lightweight units, seemingly designed for HTs, be run thru an adaptor of some type to work on an HF rig?

72,

Mike Boice, KW1ND
Canyon TX
QRP-L # 576 ARCI ARS # 188

Date: Tue, 01 Jun 1999 09:49:26 -0700
From: Bob Kellogg <ae4ic@nr.infi.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [41757] Trip-Lite PR30 help

Message-ID: <37540F16.DF2EE7CF@nr.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

This is not QRP, except that the above power supply runs my bench including some QRP equipment.

I turned on a current draw of about ten amps the other day, (should have been an easy job for the 30 Amp supply) and the PR30 just shut down. And stayed down.

Any one ever trouble shot one of these, or have a copy of the circuit? Or ideas where I can get troubleshooting information?

The main components are good, (transformer, capacitors, pass transistors) (I think) but apparently the regulator circuit thinks the supply is shorted, so it drops the output voltage to about .5 volts. The regulator circuit is a little complex and uses two house numbered chips, so I can't be sure what it's doing without some circuit help.

Help would be appreciated very much.

CUL,
Bob Kellogg, AE4IC, Greensboro, NC
Prolably, not Nececelery, - Benny Hill

Date: Tue, 01 Jun 1999 10:40:08 -0400
From: Scott Howell <whowell@hq.nasa.gov>
To: boice@bigfoot.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [41758] Re: Headset/boom mike for K2?
Message-ID: <3.0.5.32.19990601104008.00807e50@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I would imagine that you could at least rewire it. I dont' know if that uses a two plug deal or not.

Btw, brings up an intresting point. I have a pair of Kenwood hs5 that I use for the home station. They are very nice, but I find more and more that they tire my head out. I sometimes get sore ears from wearing them for long periods of time. I generally do most if not all of my operating with phones on and so sometimes copying from the speaker is hard for me.

So, in any case anyone have suggestions on a nice full-ear lightweight set I should consider, I'd appreciate it.

tnx es 72/73 de Scott/n3byy

Date: Tue, 1 Jun 1999 10:14:11 -0500
From: "W5TB - 'Doc' Drake" <w5tb@SoftHome.net>
To: qrp-1@Lehigh.EDU
Subject: [41759] 2x qrp amsterdam/dallas
Message-ID: <v04011701b379a7e501a8@[10.4.13.34]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Although I could only get in for a few minutes at the end of the MI QRP Sprint last evening I did manage to work a few qrpers. At 0245 I heard a weak response to my cq test and was thrilled when i pulled out the call of PA0END. I said goodbye to my short contest operation and had a great 15 minute chat with Dieter in Amsterdam. He was also running 5w and often listens near 14.060 so be sure to turn those beams towards Eu and/or dig for the weak ones :-) BTW -by the end of the qso sigs were up to 559 at both ends.

73 T.E. 'Doc' Drake W5TB

Arlington, TX w5tb@softhome.net <http://www.qsl.net/w5tb/>
QRPARCI # 3252 NORCAL #1002 QRP-L #673 FISTS # 5365
ARRL Life Member

Date: Tue, 1 Jun 1999 10:12:50 -0500
From: Karl.Kanalz@optelinc.com
To: kd7s@psnw.com
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [41760] Re: Counting Capacitors and regen receivers
Message-ID: <86256783.0053EEE6.00@hdqsmtp01.optelinc.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

What this (extract below) tells me is that you two guys were slowing Doug Hendricks down! (three of you sorted out 16,000 capacitors and Doug, on his own, sorted out

18,000 by himself!) -- Hee-hee!

Actually, Bill, you and Paul both deserve a lot of applause and certainly our thanks for helping Doug with such a tedious chore! I hope you guys remembered to pack construction and alignment instructions with my kit!

Karl K - W8TIF
McKinney, Texas

Bill & Merleigh Jones <kd7s@psnw.com> on 05/31/99 08:40:34 PM

Please respond to kd7s@psnw.com

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
cc: (bcc: Karl Kanalz/hdq/Optel)

Subject: Re: Counting Capacitors and regen receivers

As Doug Hendricks pointed out in an earlier post, Paul Maciel, Doug and I counted and bagged capacitors for the NorCal Capacitor Kits on Saturday. If you read Doug's post carefully you will note that the three of us did 16,000 caps on Saturday and Doug has done another 18,000 by himself since. What does that tell you?

Bill Jones - KD7S - <><
Sanger, California
<http://www.psnw.com/~kd7s> <snip>

Date: Tue, 01 Jun 1999 10:55:31 -0500
From: Dave Sjolín <sjolin@swbell.net>
To: boice@bigfoot.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [41761] Re: Headset/boom mike for K2?
Message-ID: <37540273.FCBF5906@swbell.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The Boices wrote:

>

> Once the K2 and it's SSB module ship later this summer, I'm going to be
> looking for a lightweight headset/boom mike combo for mobiling. It can
> only cover 1 ear, and would preferably be lightweight. I'll probably wire
> the K2 mic jack for a Kenwood-type connection.

>

> Any suggestions?

Mike, take a look at the Heil boom mikes. They are preferred by most
contesters and those on dxpeditons. They do make a unit that covers just
one ear.

<http://www.heilsound.com/heilprod.htm>

73 de Dave, N0IT

Date: Tue, 1 Jun 1999 12:10:03 -0400
From: "Don Chisholm WX3M" <dchishol@oakland.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [41762] Re: Headset/boom mike for K2?
Message-ID: <000b01beac49\$35ad6a20\$82f80718@roalok1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

concerning the comfort issue, I have found that the Heil Pro Set (Boom
mic/headset) is quite nice for very long periods of time, like cw/ssb
contests. This pair is largish, with soft, fully enclosing ear pads (like
hi-fi sets) and a boom mic. they look they would be a killer after an hour
or two, but are actually quite lightweight and put little strain on the
ears. a little pricey at \$125, though.

don

Don Chisholm - WX3M
Oakland University - Department of Music, Theatre, and Dance
undergraduate - secondary instrumental music education
dchishol@oakland.edu

<http://www.oakland.edu/~dchishol/>

> Btw, brings up an interesting point. I have a pair of Kenwood hs5 that I use
> for the home station. They are very nice, but I find more and more that
> they tire my head out. I sometimes get sore ears from wearing them for long
> periods of time. I generally do most if not all of my operating with phones

Date: Tue, 1 Jun 1999 09:36:22 -0700 (PDT)
From: Theodore Wong <wong_th@eng.printronic.com>
To: qrp-l@lehigh.edu
Subject: [41763] Ham Radio Band Plan Chart
Message-ID: <199906011636.JAA15008@taz.printronic.com>

Hi All,

I'm looking for a nice colorful ham radio frequency allocation chart. At one time I had one from ICOM that fit on an 8.5 x 11 sheet of card stock. I think almost every one had one of these. I've seen the new one on ICOM's web site, but I don't think it looks as nice as the one before. Is there one QRP specific? i.e. with QRP calling frequencies etc.

Meanwhile, back to the 2N2/40. Funny how the first section built is beautiful ugly construction and subsequent sections get uglier as the project gets closer to completion.

Regards,

Tedd AB6C0

Date: Tue, 01 Jun 1999 09:39:44 -0700
From: Jim Boyle K6JMB <jmb@cruzio.com>
To: QRP-l@lehigh.edu
Subject: [41764] Re: Headset/boom mike for K2?
Message-ID: <4.1.19990601093903.009d39b0@mail.cruzio.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have Heil Pros and really like them for CW. Great sensitivity & very

comfortable - I'm glad I got them. Check out their website -
<http://www.heilsound.com/>

73,

tnx es 73 de
Jim Boyle - K6JMB
Santa Cruz, California USA
36.971N 121.987W Grid Square CM96ax

Old Chinese proverb says, "In the course of a long life, a wise man will be prepared to abandon his baggage several times."

Date: Tue, 1 Jun 1999 09:45:47 -0500
From: Bcieslak@ra.rockwell.com
To: qrp-1@lehigh.edu
Subject: [41765] NQ9RP has big opening weekend.
Message-ID: <86256783.005A4FB9.00@ramilwsmt01.ra.rockwell.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Three QRP contest operating opportunities in one weekend....wow...
First NQ9RP debuts in the WPX contest with Jerry (N9AW) at the key and works more dx than I've ever heard....
Then the Rick(NK9G) and Jerry (N9AW) do the Hootowl sprint with NQ9RP with what little energy they had left.
Finally Brian (AE9K) rushed home from his holiday boondoggle to put NQ9RP on for the MI QRP sprint.

The truth is we're just training for the fox hunts in fall :-)

I guess we better order those QSL's.....See you in the Spartan Sprint next week,

72 from the ops of NQ9RP
QRP Cheeseheads ARC

Date: Tue, 1 Jun 1999 11:50:16 -0500
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: <wong_th@eng.printronix.com>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>

Subject: [41766] RE: Ham Radio Band Plan Chart
Message-ID: <000001beac4e\$d59438c0\$d8016f81@muenzlerk.uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Check this out
<http://www.arrl.org/field/regulations/bandplan.html>

Kevin, WB5RUE

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> Theodore Wong
> Sent: Tuesday, June 01, 1999 11:36 AM
> To: Low Power Amateur Radio Discussion
> Subject: Ham Radio Band Plan Chart
>
>
> Hi All,
>
> I'm looking for a nice colorful ham radio frequency
> allocation chart. At one time
> I had one from ICOM that fit on an 8.5 x 11 sheet of card
> stock. I think almost
> every one had one of these. I've seen the new one on ICOM's
> web site, but I don't think it looks as nice as the one
> before. Is there one QRP specific? i.e. with
> QRP calling frequencies etc.
>
> Meanwhile, back to the 2N2/40. Funny how the first section
> built is beautiful
> ugly construction and subsequent sections get uglier as the
> project gets closer to
> completion.
>
> Regards,
>
> Tedd AB6C0
>

Date: Tue, 01 Jun 1999 11:16:26 -0600
From: "Conant, Paul" <paul.conant@lmco.com>

To: "'qrp-l@Lehigh.edu'" <qrp-l@Lehigh.edu>
Subject: [41767] Enlarging holes in PC board
Message-ID: <C95C7DB8B9A8F01195C40000F81F32FD0105FB2B@emss02m09.ems.lmco.com>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

I got the house to myself for a couple of hours on Sunday afternoon so I finally got around to building the Tixie I've had in my closet for the past several months. The predrilled holes in the circuit board were not big enough for the leads, really tabs, on the Mouser supplied variable capacitor. A quick visit to Radio Shack revealed that they no longer carry PC board drill bits. So, I walked next door to Home Depot. I found there a neat little set of files made by Nicholson. It has six 5-1/2" long files in several shapes: flat, square, three square, round, half round, and an equalizing file. The round one was perfect for gently enlarging the holes in the Tixie board.

Now, I just need to check my work, connect an antenna, and give the Tixie a try.

Next project: the VE3DNL Marker/Generator.

After that: A QRP CW Transceiver with All the Bells and Whistles for 30 or 40 meters. This kit was featured in 73 back in about 1988, so it has been aging in the top of my closet for a long time. It was designed and packaged by the late NZ5G, Bruce, and N5HNN, Bill, as an Arlington (Texas) Amateur Radio Club project. Maybe some of ya'll had some experience with it.

Paul, WQ5X

Date: Tue, 01 Jun 1999 17:15:14 +0000
From: wd8civ@att.net
To: qrp-l@lehigh.edu (QRP-L Mailing List)
Subject: [41768] circuit simulation software?
Message-ID: <19990601171704.BEGW24759@webmail.worldnet.att.net>

Folks,

I've seen an occasional mention of people here using circuit simulations.

Would anyone care to tell what simulation software they're using?

I'm looking for something affordable (i.e. free) to do some small mixed-signal simulations. Small, but bigger than the Microsim PSPICE ver. 8 demo allows.

Any suggestions?

--

Dave Hinerman WD8CIV

Date: Tue, 01 Jun 1999 12:09:54 -0600
From: tom whalen <wb5qyt@eFortress.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [41769] NC-20....TOUGH RIG!
Message-ID: <375421F2.55E@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang!

After hooking up my NC-20 in the mobile for the trek to work, I thru a towel over the rig, key, and headphones to keep the sun off. I forgot to unplug the rig and when the towel went over the key. When I finally discovered what had happened I quickly unplugged the rig! The whole aluminum case was hotter than a pistol! My immediate thought was that it was fried!

Took it into the house and after about a 30 min. cool down, I hooked it back up and the rec seemed ok, and then the xmit worked fb. The only thing that acted strange with the rig was that the dahs were now about twice as long as they should be. The dits were fine. I cycled the speed setting a couple of times on the Tick chip and it started to act normal.

First time I ever got my TICK to sound like a "bug".

So, the NC-20 is an amazing lil rig. I figured it was key down for an hour, and no damage! Guess I don't ever have to put mine in the oven to get the VFO section burned in!!

Going to be on 14.060 from 2145 to 2220 UTC today as I head to work.

Anyone wanna work a HOT NC-20?? Im going to buy a RH40 for sure..Now I know where Dave got the name RED HOT hi hi!! Wonder if the same thing happened to him?

72, Tom WB5QYT..."Have spud will travel!"
PS: Sorry for the QRM.

Date: Tue, 01 Jun 1999 14:00:37 -0500
From: Glen Reid <k5fx@flash.net>
To: AQRQ List <AQRQ@onelist.com>, QRP-1 <qrp-1@lehigh.edu>
Subject: [41770] June Austin QRP Club meeting
Message-ID: <37542DD5.4A8E7325@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

By some incredibly poor planning, the next irregular meeting of the Austin QRP Club will be at 11 AM on Saturday, June 12th...smack in the middle of HAMCOMM.

As usual, Luby's will be the place.

Check the AQRQ web page : <http://www.flash.net/~k5hgb/aqrq.html> for details.

See y'all next month or at Hamcomm.

--
GLEN REID
K5FX/M BGF

Austin...in the beautiful hill country of TEXAS...

Austin QRP Club # Pi

Email: k5fx@flash.net

Date: Tue, 01 Jun 1999 12:13:37 -0600
From: tom whalen <wb5qyt@eFortress.com>
To: fifield@pacbell.net, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [41771] NC-20 and Alpha!
Message-ID: <375422D1.1A44@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

Remember the Alpha amp adds with the brick on the key to test how tough the amps were?

Well, the NC-20 passed the brick test today!

72, Tom WB5QYT...." Have spud, will deliver antenna!"

Date: Mon, 31 May 1999 21:02:16 -0400
From: Joseph Mikuckis <k3chp@erols.com>
To: qrp-l@Lehigh.EDU
Subject: [41772] Re Six Meter Beacons
Message-ID: <37533118.7BB8@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks to all of you for the help in locating six meter beacons!

73 de Joe, K3CHP
Riverdale, MD

Date: Tue, 01 Jun 1999 16:10:11 -0400
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>
To: qrp-l@lehigh.edu
Subject: [41773] Re: QRP ARCI Awards
Message-ID: <37543E23.70E1@arrl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Larry Cahoon wrote:

> >verification. I am not aware of any award issuing organization, such
> >as the ARRL, that does so.

> There is at least one group that does not require verification. The
> MARAC - the county hunters group only requires verification for the
> first time you work the counties - that is actually required by CQ

> magazine who sponsor the basic award.

Things may have changed since I was involved in county hunting (first 500 counties done with 250 milliwatts!), but in the mid 80s, the verification was done by providing a list to the sponsor (CQ) and a statement signed by 3 amateurs that they had verified that you actually had the cards.

73,
Ed Hare, W1RFI

Date: Tue, 1 Jun 1999 16:32:06 -0400
From: "David Maliniak" <dmaliniak@penton.com>
To: qrp-l@lehigh.edu
Subject: [41774] An apology
Message-ID: <85256783.00716D22.00@mail2.penton.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Gang:

The week before last, I posted something to the list that I've been made to understand that I shouldn't have. It was a note to the effect that an item was up for auction on eBay. I wish to sincerely apologize to anyone who may have been adversely affected by my post and want to say publicly that I will refrain from such posts in the future.

72,
David, N2SMH
Glen Rock, NJ

Date: 1 Jun 1999 16:30:43 -0500
From: "rohre" <rohre@arlut.utexas.edu>
To: qrp-l@lehigh.edu
Subject: [41775] Challenger Ant. and Gap products
Message-ID: <n1283867821.3246@msmailgw1.arlut.utexas.edu>

Hi,

The Gap line of antennas come complete with everything you need to radiate. I think the Challenger has a radial group that lies upon the surface of the ground. Mine is the Titan whose counterpoise is built as part of the structure and 40M section. Both models are center fed, hence the name "Gap". Each Gap has a stub of feed coax coming out the bottom, and a PL 259 coax plug you put on it to couple to the coax feed you provide. A double female type UHF allows me to totally disconnect the antenna, if severe thunderstorms are due, and lessens lightning threat to shack.

All of the vertical Gap antennas are based on the vertical dipole, and thus are two complete radiators, just as a dipole is and can operate alone in free space, or over earth. There is a misconception I have noticed among many hams asking about vertical antennas, that they ALL need a ground plane of radials to perform.

The image is furnished if you use a vertical dipole, while you need another quarter wave earth image with a quarter wave unbalanced vertical. Any added radials on the half wave center fed vertical are simply going to improve the RF conductivity in the near field.

However, you probably should put your improvements in RF conductive earth out from the antenna, where the angle of takeoff has a component hitting the ground. This issue is addressed in some texts in discussing the horizontal dipole and its image plane, but I don't believe I have seen anyone do anything about providing better conductivity this way. We mostly have little control out from our antennas at the distances that would help, but those living on a true antenna farm could do some woderous things with ground reflection improvement. Those living on a cliff over the sea already enjoy this effect in the seaward direction.

Anyone on the list who has lived both at seaside and land locked, who has noticed the difference?

72, Stuart K5KVH

Date: Tue, 1 Jun 1999 18:01:07 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: rohre <rohre@arlut.utexas.edu>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [41776] Re: Challenger Ant. and Gap products
Message-ID: <Pine.GS0.4.10.9906011751560.1192-1000000@larry.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

>

> However, you probably should put your improvements in RF conductive earth out

>from the antenna, where the angle of takeoff has a component hitting the
>ground. This issue is addressed in some texts in discussing the horizontal
>dipole and its image plane, but I don't believe I have seen anyone do anything
>about providing better conductivity this way. We mostly have little control
>out from our antennas at the distances that would help, but those living on a
>true antenna farm could do some woderous things with ground reflection
>improvement. Those living on a cliff over the sea already enjoy this effect
>in the seaward direction.

Stuart,

The issue of conductivity and its effect on initial reflections in the
Fresnel zone is discussed by ON4UN in Low Band DXing. It is also
discussed briefly in the SCV series I did for NCJ (which is on line also).

In effect, you are correct that for self-complete antennas, such as the
vertical dipole (even the very short ZR-3s produced by Force 12), local
ground plays a role in RF ground returns, but does not play the same role
it plays with a GP monopole. ON4UN concludes that it is a couple of
wavelength's distant that begin the Fresnel zone for verticals--and this
area is rarely controllable by an inland homeowner when using the low HF
region. Relocating to an island or peninsula is feasible for only a very
few. Also, the water must be salt water; fresh water is just not that
much of a help. The effect can be modeled. And, as well, the team that
broke the CQ multi-multi score record a couple of years back did an
article on their vertical antenna farm on the coast of Jamaica for CQ's
contest journal. So there is both quantitative and qualitative to be had
on vertical dipole (and other complete) antenna performance relative to
ground conditions and some of the variables, such as height above ground.

-73-

LB, W4RNL

Date: Tue, 1 Jun 1999 15:05:13 -0700
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: "QRP-L list" <qrp-l@Lehigh.edu>
Subject: [41777] Desert Ratt running
Message-ID: <1c4501beac7a\$d627c230\$140a0a0a@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang --

Got my Desert Ratt 3+ Regen running. Seeing as how I can never leave good enough alone, I made a few changes to the circuit. I measured the MDS (Mike's Discernible Signal) with an HP 8640B with 1000 Hz 100% AM modulation to be -120 dBm when the regen control is tweaked just right. Probably need a better preamp transistor to do any better.

I tossed a three-foot hunk of wire across the bench for an antenna and copied dozens of stations on 31 meters. Listened to Arnie Coro's radio show about amateurs providing emergency communications for Cuba. I also got religion, WWV, and the Beeb, among others.

It may not meet the craftsmanship standards of some of the more talented QRP builders out there, but it works.

All that's left to do is the tough part, building a case to put it in. Hope I can duck enough honey-does between now and HamComm to have time to finish it.

Mike K1MG

Date: Tue, 01 Jun 1999 18:04:25 -0400
From: david fouchey <dafouchey@home.com>
To: rohre@arlut.utexas.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [41778] Re: Challenger Ant. and Gap products
Message-ID: <375458E9.6B3EA2EB@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I did use a 14AVQ on a rocky islet in Biscayne Bay (Near Miami) with an HW8 in the 70's and found the bay acted as a superb ground plane. Worked many stations in the Caribbean, Central and South America as well as Africa. Only problem I DID experience with it was a propensity for picking up noise associated with approaching storm fronts. Would love to try it again some time, but alas I am up in the lands of cold fresh water now.<G>

Dave

WA4EMR
Sterling Heights, MI

rohre wrote:

>
> Hi,
> The Gap line of antennas come complete with everything you need to radiate. I
> think the Challenger has a radial group that lies upon the surface of the
> ground. Mine is the Titan whose counterpoise is built as part of the
> structure and 40M section. Both models are center fed, hence the name "Gap".
> Each Gap has a stub of feed coax coming out the bottom, and a PL 259 coax plug
> you put on it to couple to the coax feed you provide. A double female type
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> to perform.
>
> The image is furnished if you use a vertical dipole, while you need another
> quarter wave earth image with a quarter wave unbalanced vertical. Any added
> radials on the half wave center fed vertical are simply going to improve the
> RF conductivity in the near field.
>
> However, you probably should put your improvements in RF conductive earth out
> from the antenna, where the angle of takeoff has a component hitting the
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> dipole and its image plane, but I don't believe I have seen anyone do anything
> about providing better conductivity this way. We mostly have little control
> out from our antennas at the distances that would help, but those living on a
> true antenna farm could do some woderous things with ground reflection
> improvement. Those living on a cliff over the sea already enjoy this effect
> in the seaward direction.
>
> Anyone on the list who has lived both at seaside and land locked, who has
> noticed the difference?
>
> 72, Stuart K5KVH

Date: Tue, 01 Jun 1999 18:08:35 -0400
From: david fouchey <dafouchey@home.com>
To: cebik@utkux.utcc.utk.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [41779] Re: Challenger Ant. and Gap products

Message-ID: <375459E3.43356518@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I wonder then how working on an Islet in a salt water location with a GAP style half wave vertical antenna would effect performance? How would it compare to the 1/4 wave ground mounted vertical with the near infinite highly conductive ground plane that the bay or ocean would represent?

Dave
WA4EMR
Sterling Heights, MI

"L. B. Cebik" wrote:

>
> >
> > However, you probably should put your improvements in RF conductive earth out
> >from the antenna, where the angle of takeoff has a component hitting the
> >ground. This issue is addressed in some texts in discussing the horizontal
> >dipole and its image plane, but I don't believe I have seen anyone do anything
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> >true antenna farm could do some woderous things with ground reflection
> >improvement. Those living on a cliff over the sea already enjoy this effect
> >in the seaward direction.
>
> Stuart,
>
> The issue of conductivity and its effect on initial reflections in the
> Fresnel zone is discussed by ON4UN in Low Band DXing. It is also
> discussed briefly in the SCV series I did for NCJ (which is on line also).
>
> In effect, you are correct that for self-complete antennas, such as the
> vertical dipole (even the very short ZR-3s produced by Force 12), local
> ground plays a role in RF ground returns, but does not play the same role
> it plays with a GP monopole. ON4UN concludes that it is a couple of
> wavelength's distant that begin the Fresnel zone for verticals--and this
> area is rarely controllable by an inland homeowner when using the low HF
> region. Relocating to an island or peninsula is feasible for only a very
> few. Also, the water must be salt water; fresh water is just not that
> much of a help. The effect can be modeled. And, as well, the team that
> broke the CQ multi-multi score record a couple of years back did an
> article on their vertical antenna farm on the coast of Jamaica for CQ's
> contest journal. So there is both quantitative and qualitative to be had
> on vertical dipole (and other complete) antenna performance relative to

> ground conditions and some of the variables, such as height above ground.
>
> -73-
>
> LB, W4RNL

Date: Tue, 1 Jun 1999 15:30:15 -0700 (PDT)
From: Tom Popovic <ki3r@yahoo.com>
To: qrp-1@Lehigh.edu
Subject: [41780] battery monitor-cases
Message-ID: <19990601223015.23358.rocketmail@web204.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hello All Just received a battery monitor kit from
Hosfelt Electronics of Stubenville Ohio. Nice kit for
\$6.95. They also have various new surplus padded cases good for rig
transport. They don't have a site on the web but their # is
1-800-264-6464. They are an excellent company to deal with. I am not
a stock holder ... usual disclaimers. God Bless ...
Tom Popovic KI3R Port Vue Pa.

===

The common good was the claim and justification of every
tyranny ever established over men. Every major horror of
history was committed in the name of altruistic motive...
Actors change, but the course of the tragedy remains the
same. Ayn Rand 1943

Do You Yahoo!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Tue, 1 Jun 1999 16:28:28 -0600 (CST)
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [41781] Television Channels (not QRP)
Message-ID: <Pine.OSF.4.05.9906011627320.27412-100000@duke.usask.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Does anyone know the frequency for Channel 11? Is there a place on the
Internet with this information?

+-----+
| Brian Buydens, Computing Services, University of Saskatchewan |
| email: Brian.Buydens@usask.ca http://duke.usask.ca/~buydens |
| VE5RDV |
+-----+

Date: Tue, 01 Jun 1999 15:34:19 -0700
From: "Eric Swartz - Elecraft, WA6HHQ" <erics@elecraft.com>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [41782] K2 Phase Noise Plot
Message-ID: <37545FEB.EB090E5A@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

If the noise on QRP-L isn't enough for you, we've added a new K2 Phase
Noise plot at: http://www.elecraft.com/specs/K2_meas.htm

72, Eric

Date: Tue, 1 Jun 1999 18:41:18 -0400
From: "Ed Tanton" <n4xy@att.net>
To: <ki3r@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [41783] RE: battery monitor-cases
Message-ID: <000001beac7f\$dcf32960\$01010101@n4xy>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Actually, Hosfelt DOES have a website: <http://www.hosfelt.com/info.htm> .
Great people to deal with.

72 / 73 Ed N4XY

Ed Tanton N4XY EMAIL: n4xy@arrl.net
189 Pioneer Trail

Marietta, GA 30068-3466 TEL: (770)579-3933

INTERESTS: *CW (99.5%) *QRP (QRP-L# 758)
*BoatAnchors *Test Equipment *Photography

~~~~~  
Time flies like an arrow. Fruit flies like a banana.  
... Groucho Marx  
~~~~~

End of QRP-L Digest 1475

